

## EAST Search History

| Ref # | Hits | Search Query                                                                         | DBs                                         | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------------------------------------------------------------------------|---------------------------------------------|------------------|---------|------------------|
| L1    | 6    | ((("4751134") or ("4849281") or ("6099775")).PN.                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/25 14:23 |
| L2    | 2    | 1 and thermoplastic                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/25 14:27 |
| L3    | 3    | ("2695855").PN.                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/25 14:28 |
| L4    | 0    | 3 and thermoplastic                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/25 14:27 |
| L5    | 0    | 3 and binder                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/25 14:27 |
| L6    | 1682 | (glass adj fiber\$1) same thermosetting same thermoplastic                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/25 14:48 |
| L7    | 3    | (glass adj fiber\$1) same (thermosetting adj binder) same (thermoplastic adj binder) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/25 15:08 |
| L8    | 409  | (glass adj fiber\$1) same (thermosetting adj resin) same (thermoplastic adj resin)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/25 14:49 |
| L9    | 37   | 8 and insulation                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/25 14:53 |
| L10   | 428  | (glass near3 mat) and (thermosetting or thermoplastic) and (resin or binder)         | DERWENT                                     | OR               | OFF     | 2006/07/25 14:54 |
| L11   | 32   | 10 and insulation                                                                    | DERWENT                                     | OR               | OFF     | 2006/07/25 14:54 |
| L12   | 15   | insulation and((thermosetting adj binder) same (thermoplastic adj binder))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/25 15:08 |

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|     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                             |    |     |                  |
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| L13 | 8   | ((("4849281") or ("4751134") or ("4749281") or ("6099775")).PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/25 15:22 |
| S1  | 2   | ("20030049488").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/25 08:15 |
| S2  | 151 | ("0176131" "2195018" "2885741" "2953187" "20030008586" "20030049488" "20030211799" "20040038017" "3208106" "3215585" "3458904" "3615311" "3642554" "3941530" "4042655" "4101700" "4129674" "4199644" "4224373" "4237180" "4294655" "4376675" "4377889" "4416936" "4508777" "4548628" "4568581" "4637951" "4710520" "4751134" "4840832" "4847140" "4849281" "4888235" "4899764" "4946738" "0040239" "0049488" "5047276" "5057168" "5071608" "5264259" "5298694" "5302332" "5308692" "5316601" "5437922" "5454846" "5458960" "5490961" "5523032" "5595584" "5612405" "5685935" "5698298" "5714421" "5778492" "5800586" "5841081" "5876529" "5879427" "5883020" "5983586" "6331339" "6358871" "6485856" "6669365").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/24 09:15 |
| S3  | 17  | S2 and rotary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/24 09:29 |
| S4  | 0   | (rotary near2 glass near2 fiber\$1)<br>same nylon same insulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DERWENT                                     | OR | OFF | 2006/07/24 09:29 |
| S5  | 0   | (rotary near2 glass near2 fiber\$1) and<br>nylon and insulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DERWENT                                     | OR | OFF | 2006/07/24 09:29 |
| S6  | 5   | (rotary near2 glass near2 fiber\$1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DERWENT                                     | OR | OFF | 2006/07/24 09:32 |
| S7  | 236 | (rotary near2 glass)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DERWENT                                     | OR | OFF | 2006/07/24 09:32 |
| S8  | 6   | S7 and insulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DERWENT                                     | OR | OFF | 2006/07/24 09:34 |
| S9  | 2   | ("5529596").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/24 09:34 |
| S10 | 26  | ("2331945"   "2900708"   "2927621"   "2998620"   "3016599"   "3073005"   "3192023"   "3197813"   "3274324"   "3511747"   "3841882"   "3924927"   "4460696"   "4482205"   "4913518"   "5057168").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/24 09:36 |

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| S11 | 786 | rotary near2 glass                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/24 09:36 |
| S12 | 49  | rotary adj glass adj fiber\$1                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/24 09:36 |
| S13 | 6   | ("3671615"   "5264257"   "5439735"  <br>"5685938"   "6099775"   "6217946").<br>PN.                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/24 09:50 |
| S14 | 8   | ((("4751134") or ("5123949") or<br>("5614132") or ("5595584"))).PN.                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/24 10:20 |
| S15 | 6   | ((("5620541") or ("5308692") or<br>("4437917"))).PN.                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/24 10:21 |
| S16 | 1   | 09/428,632                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/24 10:23 |
| S17 | 1   | 10/807,058                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/24 15:44 |
| S18 | 2   | ("4751134").PN.                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/24 16:30 |
| S19 | 8   | ("4237180"   "4302499"   "4358502"  <br>"4524040"   "4529644"   "4547421"  <br>"4574108"   "4695503").PN.                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/24 16:30 |
| S20 | 32  | ("4751134").URPN.                                                                                                                                                                                                                              | USPAT                                       | OR | OFF | 2006/07/24 16:34 |
| S21 | 1   | 10/807,058                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/25 08:39 |
| S22 | 7   | rotary near3 spun near3 glass                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/25 08:40 |
| S23 | 21  | ("2483405"   "2689199"   "2695855"  <br>"4237180"   "4302499"   "4358502"  <br>"4474846"   "4524040"   "4529644"  <br>"4547421"   "4568581"   "4574108"  <br>"4612238"   "4637951"   "4643940"  <br>"4695503"   "4765812"   "4826724").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/25 08:42 |

## EAST Search History

|     |      |                                                                                                                                                                                         |                                             |    |     |                  |
|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| S24 | 31   | ("5272000").URPN.                                                                                                                                                                       | USPAT                                       | OR | OFF | 2006/07/25 08:46 |
| S25 | 11   | ("4889764").URPN.                                                                                                                                                                       | USPAT                                       | OR | OFF | 2006/07/25 08:48 |
| S26 | 18   | ("2662044"   "2695855"   "2948950"  <br>"3396070"   "4751134"   "4840832"  <br>"4888235"   "4889764"   "5093962"  <br>"5112663"   "5494628"   "5578357"  <br>"5626939"   "5662994").PN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/07/25 08:50 |
| S27 | 2306 | rotary same glass                                                                                                                                                                       | DERWENT                                     | OR | OFF | 2006/07/25 08:50 |
| S28 | 2    | S27 and fiberized                                                                                                                                                                       | DERWENT                                     | OR | OFF | 2006/07/25 08:51 |
| S29 | 18   | (glass near2 wool) and S27                                                                                                                                                              | DERWENT                                     | OR | OFF | 2006/07/25 08:53 |
| S30 | 563  | (glass near2 fiber\$1) same (mixture or<br>blend)                                                                                                                                       | DERWENT                                     | OR | OFF | 2006/07/25 08:53 |
| S31 | 3    | S30 and rotary                                                                                                                                                                          | DERWENT                                     | OR | OFF | 2006/07/25 08:55 |
| S32 | 19   | (442/342).CCLS.                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/25 08:58 |
| S33 | 40   | (442/348).CCLS.                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/25 09:32 |
| S34 | 2    | ("20030049488").PN.                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/25 14:22 |